Available online at www.sciencedirect.com
SCIENCE DIRECT®
ELSEVIER
Journal of Luminescence 105 (2003) 135–136
JOURNAL OF LUMINESCENCE
www.elsevier.com/locate/jlumin

Index of Authors and Papers

Ahamed, M.B., A. Ramalingam, P.K. Palanisamy, Studies on widely tunable ultra-short laser pulses using energy transfer distributed feedback dye laser 105 (2003) 9
Akcelrud, L., see E.R. Simas 105 (2003) 69

Bartkowiak, W., see R. Zaleśny 105 (2003) 111
Bhatt, B.C., see S.S. Sanaye 105 (2003) 1
Bazejowski, J., see O.V. Reshetnyak 105 (2003) 27
Brandys, M.-C., see P.-S.G. Kim 105 (2003) 21
Bushuk, B., see S. Bushuk 105 (2003) 81
Bushuk, S., W. Douglas, Yu. Kalvinkovskaya, L. Klapshina, A. Rubinov, B. Bushuk, A. Stupak, Spectroscopic and nonlinear characteristics of anthracene-containing silicon-organic polymers in solution 105 (2003) 81

Chu, B., see C. Guo 105 (2003) 121

de Mello Donegá, C., see W.D. Fragoso 105 (2003) 97
Dhabekar, B.S., see S.S. Sanaye 105 (2003) 1
Dhobale, A.R., see S.V. Godbole 105 (2003) 89
Dorenbos, P., Calculation of the energy of the 5d barycenter of $La_3F_3[Si_3O_9]:Ce^{3+}$ 105 (2003) 117
Douglas, W., see S. Bushuk 105 (2003) 81
Drobizhev, M., see M. Kruk 105 (2003) 45

Fragoso, W.D., C. de Mello Donegá, R.L. Longo, Luminescence and energy transfer in La_2O_3–Nb_2O_5–B_2O_3:M^{3+} (M = Bi, Eu, Dy) glasses 105 (2003) 97

Gael, V., see M. Kruk 105 (2003) 45
Godbole, S.V., A.R. Dhobale, M.D. Sastry, C.-H. Lu, A.G. Page, Photoluminescence characteristics of Pr^{3+} in ThO_2: interplay of defects in a photo-induced charge transfer 105 (2003) 89
Guo, C., B. Chu, M. Wu, Q. Su, Oxide coating for alkaline earth sulfide based phosphor 105 (2003) 121
Guo, P., F. Zhao, G. Li, F. Liao, S. Tian, X. Jing, Novel phosphors of Eu^{3+}, Tb^{3+} or Bi^{3+} activated Gd_2GeO_5 105 (2003) 61

Hu, Y., see P.-S.G. Kim 105 (2003) 21

Jimbo, T., see P.M. Sirimanne 105 (2003) 105
Jing, X., see P. Guo 105 (2003) 61
Jung, K.Y., D.Y. Lee, Y.C. Kang, H.D. Park, Improved photoluminescence of $BaMgAl_{10}O_{17}$ blue phosphor prepared by spray pyrolysis 105 (2003) 127

Kalvinkovskaya, Yu., see S. Bushuk 105 (2003) 81
Kang, Y.C., see K.Y. Jung 105 (2003) 127
Karotki, A., see M. Kruk 105 (2003) 45
Kim, P.-S.G., M.-C. Brandys, Y. Hu, R.J. Puddephatt, T.-K. Sham, Soft X-ray excited optical luminescence studies of gold(I) complex with diphosphine and 4,4′-bipyridyl ligands 105 (2003) 21
Klapshina, L., see S. Bushuk 105 (2003) 81
Koval'chuk, E.P., see O.V. Reshetnyak 105 (2003) 27
Kruk, M., A. Karotki, M. Drobizhev, V. Kuzmitsky, V. Gael, A. Rebane, Two-photon absorption of tetraphenylporphin free base 105 (2003) 45
Kumar, R., see S.S. Sanaye 105 (2003) 1
Kuzmitsky, V., see M. Kruk 105 (2003) 45

Lee, D.Y., see K.Y. Jung 105 (2003) 127
Leszczynski, J., see R. Zaleśny 105 (2003) 111
Li, G., see P. Guo 105 (2003) 61
Liao, F., see P. Guo 105 (2003) 61
Longo, R.L., see W.D. Fragoso 105 (2003) 97
Lu, C.-H., see S.V. Godbole 105 (2003) 89

Meijerink, A., see S.F. Wuister 105 (2003) 35
Menon, S.N., see S.S. Sanaye 105 (2003) 1

Page, A.G., see S.V. Godbole 105 (2003) 89
Palanisamy, P.K., see M.B. Ahamed 105 (2003) 9

Park, H.D., see K.Y. Jung 105 (2003) 127
Puddephatt, R.J., see P.-S.G. Kim 105 (2003) 21

Que, D., see Y. Zhao 105 (2003) 57

Rak, J., see O.V. Reshetnyak 105 (2003) 27
Ramalingam, A., see M.B. Ahamed 105 (2003) 9
Rao, T.K.G., see S.S. Sanaye 105 (2003) 1
Rebane, A., see M. Kruk 105 (2003) 45
Reshetnyak, O.V., E.P. Koval'chuk, P. Skurski, J. Rak, J. Bazejowski, The origin of luminescence accompanying electrochemical reduction or chemical decomposition of peroxydisulfates 105 (2003) 27
Rubinov, A., see S. Bushuk 105 (2003) 81

Sanaye, S.S., B.S. Dhabekar, R. Kumar, S.N. Menon, S.S. Shinde, T.K.G. Rao, B.C. Bhatt, Energy transfer process in $CaSO_4$:Tb,Ce phosphor 105 (2003) 1
Sastry, M.D., see S.V. Godbole 105 (2003) 89
Sham, T.-K., see P.-S.G. Kim 105 (2003) 21
Shinde, S.S., see S.S. Sanaye 105 (2003) 1
Simas, E.R., L. Akcelrud, Fluorescent aggregates in naphthalene containing poly(urethane–urea)s 105 (2003) 69
Sirimanne, P.M., T. Soga, T. Jimbo, Identification of various luminescence centers in CuI films by cathodoluminescence technique 105 (2003) 105
Skurski, P., see O.V. Reshetnyak 105 (2003) 27
Soga, T., see P.M. Sirimanne 105 (2003) 105
Stupak, A., see S. Bushuk 105 (2003) 81
Su, Q., see C. Guo 105 (2003) 121

Tian, S., see P. Guo 105 (2003) 61

Wu, M., see C. Guo 105 (2003) 121
Wuister, S.F., A. Meijerink, Synthesis and luminescence of CdS quantum dots capped with a silica precursor 105 (2003) 35

Yang, D., see Y. Zhao 105 (2003) 57
Yang, Q., see Y. Zhao 105 (2003) 57

Zaleśny, R., W. Bartkowiak, J. Leszczynski, Theoretical study of the two-photon absorption in photochromic fulgides 105 (2003) 111
Zhao, F., see P. Guo 105 (2003) 61
Zhao, Y., D. Yang, C. Zhou, Q. Yang, D. Que, Photoluminescence properties of the composite of porous alumina and poly (2,5-dibutoxy-1,4 phenylenevinylene) 105 (2003) 57
Zhou, C., see Y. Zhao 105 (2003) 57

Available online at www.sciencedirect.com
SCIENCE DIRECT®
ELSEVIER
Journal of Luminescence 105 (2003) 137
JOURNAL OF LUMINESCENCE
www.elsevier.com/locate/jlumin

Subject Index

5d-configuration 117

Blue phosphor 127

Cathodoluminescence 105
Centroid shift 117
Chromophoric polymers 69
C K-edge NEXAFS 21
Conjugated polymers 81
CuI films 105

Decomposition 27
DFT predictions of reaction pathways 27
Distributed feedback dye laser 9

Electrochemical reduction 27
Electron spin resonance (ESR) 1
Energy migration 81
Energy transfer 1, 9, 97
Expansion of band gap 105

Field emission displays 61
Fluorescence lifetime 81
Fluorescent aggregates 69

Glasses 97

Lanthanide luminescence 97

Nanocrystals 35
Niobate luminescence 97
Non-linear optical properties 111
Nonlinear spectroscopy of molecules 45

Origin of electrochemiluminescence and chemiluminescence 27

Phosphors 61, 121, 127
Photo-induced charge transfer 89
Photochromism 111
Photoionization 89
Photoluminescence 1, 21, 57, 69, 89, 127
Pulse width 9

Q-switching 9
Quantum-chemical calculations 45

Rate equations 9

Spray pyrolysis 127
Sulfides 121
Surfaces 121

Thermoluminescence 1
Tunability 9
Two-photon absorption 45, 111

XEOL 21

ELSEVIER

Available online at www.sciencedirect.com

SCIENCE DIRECT®

Journal of Luminescence 105 (2003) 139

JOURNAL OF LUMINESCENCE

www.elsevier.com/locate/jlumin

Materials Index

Alumina 57

CdS 35
Ce^{3+} 117
Cu^{+1} ions 105

Gadolinium germanate 61
Gold(I) complex 21

La 97
$La_3F_3[Si_3O_9]$ 117

Naphthalene 69
Nb 97

Peroxydisulfates 27
Poly(p-phenylenevinylene) 57
Poly(urethane urea) 69
Porphyrin 45
Pr^{3+} 89

SiO_2 35

$ThO_2:Pr^{3+}$ 89